

8	<p>Sets up equations and solve them to find the unknown numbers in the following cases:</p> <p>(a) Siya says she has sold three more than twice the number of tickets sold by Timmy. Together they have sold 39 tickets.</p> <p>(b) If 5 is subtracted from a number and the difference is multiplied by 6, the result is 6 more than two times the number.</p> <p>(c) Parul is 15 years younger than his brother Rahul. After 5 years, she will be half his brother's age.</p>	4
Section C(Hot Questions)		
9	The sum of three times a number and 11 is 32. Find the number.	2
10	Anu says she has 5 marbles more than 3 times the marbles Sherin has. Anu has 44 marbles. How many marbles does Sherin have?	2
11	A bag contains Re 1 coins and Rs 2 coins whose total value is Rs 70. If the number of Re 1 coins is five times that of Rs 2 coins, find the number of coins of each type.	3
12	The numerator of a fraction is 6 more than the denominator. If 5 is subtracted from the denominator, the fraction becomes $\frac{3}{2}$. Find the fraction.	3
13	In a triangle, the greatest angle is 20° more than twice the middle angle and the smallest angle is 40° less than the middle angle. Find all the angles of the triangle. What type of triangle is it?	3